

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	80	713/188.ccls.	USPAT	OR	OFF	2005/11/10 21:02
S2	1	713/188.ccls. and "virus signature database"	USPAT	OR	OFF	2004/09/22 15:40
S3	13	713/188.ccls. and "virus signature"	USPAT	OR	OFF	2005/04/20 18:44
S4	37	"virus signature"	USPAT	OR	OFF	2004/09/22 15:43
S5	0	"virus signature" and (wireless mobile).ti.	USPAT	OR	OFF	2004/09/22 15:44
S6	6	"virus" and (wireless mobile).ti.	USPAT	OR	OFF	2004/09/22 15:45
S7	49	"virus" and (wireless mobile).ab.	USPAT	OR	OFF	2004/09/22 15:45
S8	2	"virus".ab. and (wireless mobile).ab.	USPAT	OR	OFF	2004/09/22 16:08
S9	0	update with virus with (mobile wireless)	USPAT	OR	OFF	2004/09/22 16:08
S10	7	update with virus with (mobile wireless)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2004/09/22 16:11
S11	7	update with virus with (mobile wireless "OTA" air)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2004/09/22 16:11
S12	13967	SMS USSD	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2004/09/22 16:14
S13	260	(SMS USSD) and virus	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2004/09/22 16:15
S14	8	(SMS USSD) with virus	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2004/09/22 16:15
S15	280	update with (mobile wireless) with channel	USPAT; EPO; DERWENT	OR	OFF	2004/09/22 18:02
S16	35	update with (mobile wireless) with channel with send\$5	USPAT; EPO; DERWENT	OR	OFF	2004/09/22 18:03
S17	0	update with (mobile wireless) with channel with send\$5 and virus	USPAT; EPO; DERWENT	OR	OFF	2004/09/22 18:02

## EAST Search History

S18	15	update with (mobile wireless) with channel with send\$5 and GSM	USPAT; EPO; DERWENT	OR	OFF	2004/09/22 18:03
S19	0	"GSM" and "signalling channel" and virus	USPAT	OR	OFF	2004/09/22 18:46
S20	8	"GSM" and "signalling channel" and (send with update)	USPAT	OR	OFF	2004/09/22 18:49
S21	0	"GSM" and "signalling channel" same (send with update)	USPAT	OR	OFF	2004/09/22 18:49
S22	190	"GSM" and "signalling channel"	USPAT	OR	OFF	2004/09/22 18:54
S23	6	"GSM" and "signalling channel" with send	USPAT	OR	OFF	2004/09/22 18:56
S24	0	"signalling channel" with virus	USPAT	OR	OFF	2004/09/22 18:56
S25	5	"signalling channel" with update	USPAT	OR	OFF	2004/09/22 19:16
S26	139	(SMS USSD) with update	USPAT	OR	OFF	2004/09/22 19:16
S27	10	(SMS USSD) with update with send	USPAT	OR	OFF	2004/09/22 19:17
S28	334	(SMS USSD) with send	USPAT	OR	OFF	2004/09/22 19:17
S29	0	(SMS USSD) with send and virus	USPAT	OR	OFF	2004/09/22 19:17
S30	73	(SMS USSD) with send with data	USPAT	OR	OFF	2004/09/23 11:20
S31	39	(SMS USSD) and GSM and "signalling channel"	USPAT	OR	OFF	2004/09/23 11:20
S32	0	virus with update.ti.	USPAT	OR	OFF	2004/09/29 14:05
S33	0	viru\$5 with update.ti.	USPAT	OR	OFF	2004/09/29 14:06
S34	6	vir\$5 with update.ti.	USPAT	OR	OFF	2004/09/29 14:06
S35	1	(viral virus) with update.ti.	USPAT	OR	OFF	2004/09/29 14:07
S36	5	(viral virus) with update.ab.	USPAT	OR	OFF	2004/09/29 14:09
S37	4	(viral virus) with update.ab. and virus with update	USPAT	OR	OFF	2004/09/29 14:15
S38	6	virus with signature with update	USPAT	OR	OFF	2004/09/29 14:17
S39	1	"6430409".pn.	USPAT	OR	OFF	2005/04/20 18:54
S40	1	(signal\$6 adj (channel path)) with (virus with update)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 18:55
S41	1	(signal\$6 adj (channel path)) with (application with update)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 18:56

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S42	13	(signal\$6 adj (channel path)) with (mobile with update)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 19:03
S43	42	(signal\$6 adj (channel path)) with (update) same (mobile cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/21 11:35
S44	146	virus with (SMS USSD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/21 11:39
S45	20	virus with updat\$3 with (mobile wireless)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/21 11:48
S46	279	virus with (mobile wireless)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/21 11:49
S47	64	virus with (mobile wireless) and "713"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/21 12:00
S48	215	virus with (mobile wireless) not "713"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/21 12:01
S49	178	virus with (mobile wireless) not "713"/\$.ccls. not "435"/\$.ccls. not "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/21 12:02

## EAST Search History

S50	149	virus with (mobile wireless) not "713"/\$.ccls. not "435"/\$.ccls. not "422"/\$.ccls. not "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/21 12:02
S51	9	(virus) with (update\$4) with (request\$2)	USPAT	OR	OFF	2005/10/20 18:38
S52	32	(virus) with (update\$4) with (request\$2)	US-PGPUB	OR	OFF	2005/10/20 18:29
S53	0	"6035423".pn.	US-PGPUB	OR	OFF	2005/10/20 18:29
S54	1	"6035423".pn.	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:29
S55	1	"6269456".pn.	USPAT	OR	OFF	2005/10/20 18:31
S56	4	USSD near5 (concatenat\$3 combin\$3)	USPAT	OR	OFF	2005/10/20 18:39
S57	6	USSD near5 (concatenat\$3 combin\$3)	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:39
S58	3	USSD with (concatenat\$3)	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:40
S59	66	SMS with (concatenat\$3)	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:41
S60	1	SMS with (concatenat\$3) same virus\$2	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:41
S61	1	SMS with (concatenat\$3) same updat\$3	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:41
S62	1	SMS with (concatenat\$3) same file\$2	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:42
S63	3	SMS with (concatenat\$3) same software	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:45
S64	66	SMS with (concatenat\$3)	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:48
S65	0	SMS with dat with file\$2	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:49
S66	0	USSD with dat with file\$2	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:49
S67	0	USSD with dat	US-PGPUB; USPAT	OR	OFF	2005/10/20 18:49
S68	3	SMS with dat	US-PGPUB; USPAT	OR	OFF	2005/10/20 20:19
S69	2	"5835727".pn. "6256671".pn.	US-PGPUB; USPAT	OR	OFF	2005/10/20 20:19

## EAST Search History

S70	43599	(signal\$4 adj (channel link))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 16:15
S71	396	(signal\$4 adj (channel link)) with (updat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 16:15
S72	98	(signal\$4 adj (channel link)) with (updat\$4) same (wireless mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 16:56
S73	288	security\$4 with (updat\$4) with (wireless mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 22:19
S74	0	security\$4 with (updat\$4) with (wireless mobile) same (signalling adj channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 16:57
S75	1	security\$4 with (updat\$4) with (wireless mobile) same (ss7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 17:03
S76	10	leppek.in. and "encryption footprint"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 17:14
S77	1	leppek.in. and "encryption footprint" and input	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 17:12

## EAST Search History

S78	152181	(mobile\$4 cell\$4 wireless) adj phone\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 22:19
S79	57	S78 and (virus adj signature\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 22:35
S80	2	"6622150".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 22:36
S81	0	"6622150".pn. and phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 22:36
S82	0	"6622150".pn. and wireless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 22:36
S83	0	"6622150".pn. and mobile	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 22:36
S84	0	"6622150".pn. and signalling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 22:45
S85	3	"6873988".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 22:47

## EAST Search History

S86	65	(mobile cell cellular wireless) adj phone with virus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 22:48
S87	88981	(mobile cell cellular wireless) with virus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 22:48
S88	65	(mobile cell cellular wireless) adj phone with virus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:48
S89	1506	MAP with security	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:48
S90	0	MAP adj security\$2 and SS&	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:48
S91	2	MAP adj security\$2 and SS7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:49
S92	0	virus\$2 with updat\$2 with SS7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:49
S93	0	virus\$2 with SS7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:49

## EAST Search History

S94	2	softwar\$2 with updat\$4 with SS7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:52
S95	201	updat\$4 with SS7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:52
S96	62	updat\$4 with SS7 and (SMS USSD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:52
S97	11	updat\$4 with SS7 same (SMS USSD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:56
S98	553	WAP with (signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:56
S99	20	WAP with (signal\$4 adj (path channel link))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 15:00
S100	1606	WAP and GSM and (USSD SMS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 15:00
S101	7	WAP and GSM and (USSD SMS) and (virus adj (updat\$2 signature\$2 definition\$4 pattern\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 15:18



## EAST Search History

S10 2	50	(USSD SMS) and (virus adj (updat\$2 signature\$2 definition\$4 pattern\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 15:18
S10 3	8	(USSD SMS) same (virus adj (updat\$2 signature\$2 definition\$4 pattern\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 15:20
S10 4	9	(USSD SMS) same ((malware spyware virus) adj (updat\$2 signature\$2 definition\$4 pattern\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 15:50
S10 5	9	(USSD SMS SS7) same ((malware spyware virus) adj (updat\$2 signature\$2 definition\$4 pattern\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 16:05
S10 6	18	f-secure.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 16:06
S10 7	11	f-secure.as. and (mobile\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 16:18
S10 8	3	f-secure.as. and SMS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 16:19
S10 9	28050	((short adj message adj service) (SMS))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 21:13

## EAST Search History

S11 0	4998	((short adj message adj service) (SMS)) same (wireless)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 21:13
S11 1	2	((short adj message adj service) (SMS)) same (wireless) same (virus\$2 with updat\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 21:15
S11 2	296	((short adj message adj service) (SMS)) same (wireless) same (updat\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 21:15
S11 3	310	((short adj message adj service) (SMS)) same (wireless) same (updat\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 21:16
S11 4	24	((short adj message adj service) (SMS)) same (wireless) same (software with updat\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 21:16